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Approved For Release 2002/08/26 : CIA-RDP78B04560A003800010035-9

NPIC/R-1456/64

September 1964



PHOTOGRAPHIC INTERPRETATION REPORT

**IPIR**

**GOLDEN TREE MISSION 3947**

**18 SEPTEMBER 1964**



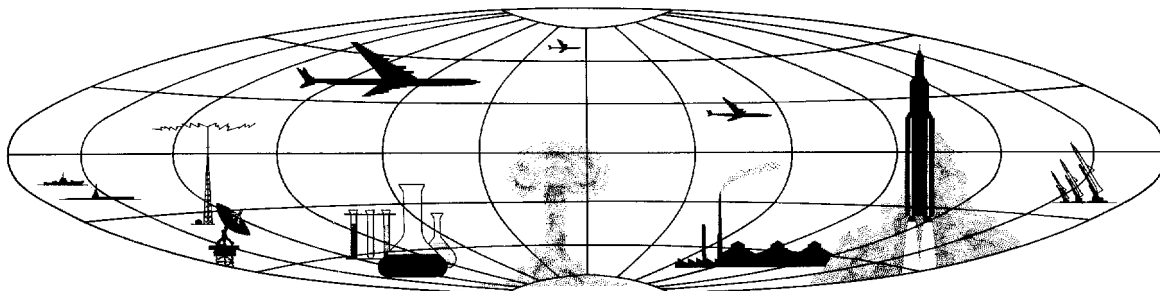
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GROUP 1  
Excluded from automatic  
downgrading and declassification



W A R N I N G

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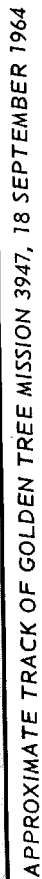
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3947, DATED 18 SEP 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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MISSILES

25X1A

[ ] SIGUANEA SAM SITE 2137N 08257W

SIX LAUNCHERS (5 REVETTED AND 3 CANVAS-COVERED), ONE MISSILE TRANSPORTER, 4 CANVAS-COVERED PROBABLE MISSILE TRANSPORTERS, 14 CANVAS-COVERED PROBABLE TRACKED PRIME MOVERS, 6 PROBABLE CARGO TRUCKS, 3 POSSIBLE VAN TRAILERS, AND 2 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.  
AREA SSE -- 10 POSSIBLE TRACKED PRIME MOVERS AND ONE CARGO TRUCK.  
AREA NW -- CLOUD COVERED.

25X1D

25X1A

[ ] SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNREVETTED LAUNCHERS (ONE WITH MISSILE, 5 CANVAS-COVERED), 7 MISSILE TRANSPORTERS (ONE WITH EXPOSED MISSILE), 8 TRACKED PRIME MOVERS, 2 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, 3 VAN TRAILERS AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.  
ONE ADDITIONAL LAUNCHER REMAINS AT THE WEST END OF SUPPORT AREA.

25X1D

NO APPARENT CHANGE IN FACILITIES.

25X1A

[ ] SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

TWENTY-ONE MISSILE TRANSPORTERS, 6 TRACKED PRIME MOVERS, 22 TRUCK-TRACTORS, 5 FLAT BED TRAILERS, 81 CARGO TRUCKS, 11 VAN TRUCKS, 2 TANK TRUCKS, 16 UTILITY TRUCKS, 2 TRUCK-MOUNTED CRANES, 20 OTHER VEHICLES/PIECES OF EQUIPMENT, 7 VAN TRAILERS AND NUMEROUS MISSILE CANISTERS OBSERVED.  
TWO EMPLACED LAUNCHERS, A RADAR, 6 VAN TRUCKS AND 5 VAN TRAILERS REMAIN.  
THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

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25X1A

[ ] MALDONADO SAM SITE 2012N 07528W

SIX REVETTED LAUNCHERS, 3 MISSILE TRANSPORTERS ADJACENT TO LAUNCHERS, ONE CANVAS-COVERED MISSILE HOLD REVETMENT, AT LEAST 9 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 3 VAN TRUCKS, ONE UTILITY TRUCK, ONE TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, A REVETMENT WITH 18 MISSILE CANISTERS, AT LEAST 12 PROBABLE BOOSTER SECTIONS AND A GUIDANCE REVETMENT WITH RADAR, 4 VAN TRAILERS AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED.

25X1D

25X1A

[ ] CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNREVIEWED LAUNCHERS (4 PROBABLY WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS, AT LEAST 12 TRACKED PRIME MOVERS, 6 POSSIBLE TRACKED PRIME MOVERS, 6 CARGO TRUCKS, 6 OTHER VEHICLES, 2 PROBABLE VAN TRAILERS AND OCCUPIED GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT. THE THREE ADDITIONAL SA-2 LAUNCHERS, RADAR, 5 VAN TRUCKS AND 5 VAN TRAILERS REMAIN. THE THREE 3-GUN AAA SITES REMAIN OCCUPIED.

25X1D

25X1A

[ ] HOLGUIN SAM SITE 2052N 07627W

SIX UNREVIEWED LAUNCHERS (4 WITH MISSILES), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 12 CANVAS-COVERED TRACKED PRIME MOVERS, 12 CARGO TRUCKS, 2 UTILITY TRUCKS, 2 VAN TRAILERS, 3 CANVAS-COVERED PIECES OF EQUIPMENT AND GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT. ONE ADDITIONAL LAUNCHER REMAINS OUTSIDE RING ROAD. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

[ ] LA COLOMA SAM SITE 2 2219N 08334W

SIX UNREVIEWED LAUNCHERS (2 WITH MISSILES), 4 MISSILE TRANSPORTERS (2 WITHOUT PRIME MOVERS AND 2

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CANVAS-COVERED), 14 CANVAS-COVERED TRACKED PRIME MOVERS, 4 CARGO TRUCKS, ONE UTILITY TRUCK, ONE VAN TRUCK, ONE VAN TRAILER, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

[REDACTED]  
[REDACTED] NUEVITAS SAM SITE 2 2132N 07717W

SIX UNREVIEWED LAUNCHERS (AT LEAST 3 WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS (ONE ADJACENT TO LAUNCHER), AT LEAST 12 CANVAS-COVERED TRACKED PRIME MOVERS, 4 PROBABLE CARGO TRUCKS, 4 OTHER VEHICLES, 2 VAN TRAILERS AND GUIDANCE AREA WITH RADAR, 8 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT.  
FIVE PROBABLE LAUNCHERS REMAIN IN SUPPORT AREA.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

[REDACTED]  
[REDACTED] PRESTON SAM SITE 2044N 07538W

SIX REVIEWED LAUNCHERS, 7 MISSILE TRANSPORTERS, ONE PROBABLE MISSILE TRANSPORTER, 12 PROBABLE TRACKED PRIME MOVERS, 3 CARGO TRUCKS, 7 OTHER VEHICLES AND A GUIDANCE REVETMENT CONTAINING RADAR, 4 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT.

25X1D

25X1A

[REDACTED]  
[REDACTED] SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

TWO REVIEWED LAUNCHERS, 5 MISSILE TRANSPORTERS (ONE WITHOUT PRIME MOVER), 8 PROBABLE CRUISE-MISSILE CRATES, 5 PROBABLE CARGO TRUCKS, 3 OTHER VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

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25X1A

[ ] SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W

TWENTY-FOUR NET-COVERED CRUISE-MISSILE CRATES AND ONE  
PROBABLE CRUISE-MISSILE RELATED VEHICLE OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

[ ]

AIR FACILITIES

25X1A

[ ] CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

AIRCRAFT -- 2 LIAISON.

25X1D

[ ]

25X1A

[ ] HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 16 FAGOT/FRESCO, 11 HOUND, 2 HARE (ONE  
WITHOUT ROTOR) AND ONE LIAISON.

25X1D

[ ]

25X1A

[ ] SIGUANEA AIRFIELD 2138N 08257W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

[ ]

25X1A

[ ] ANTONIO MACED AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT, ONE CRATE, ONE C-47, ONE COLT,  
3 LIAISON, ONE HOUND AND 2 HARE.

25X1D

[ ]

25X1A

[ ] BAYAMO AIRFIELD EAST 2022N 07637W

AIRCRAFT -- ONE POSSIBLE COLT.

25X1D

[ ]

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25X1A

PINAR DEL RIO AIRFIELD 2225N 08340W

AIRCRAFT -- 3 COLT AND ONE LIAISON.

25X1D

BAYAMO AIRFIELD 2023N 07637W

CONSTRUCTION CONTINUES.

25X1D

25X1A

NAVAL ACTIVITY/PORTS

SIGUANEA NAVAL BASE 2136N 08258W

VESSELS -- 2 YP.

25X1D

SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

25X1D VESSELS -- 4 LARGE FREIGHTERS AND 2 LARGE TANKERS.

25X1A

MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OBSERVED.

25X1D

NUEVITAS PORT 2132N 07715W

25X1D VESSELS -- ONE LARGE FREIGHTER.

25X1A

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

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25X1D

[REDACTED]

25X1A

[REDACTED] PUERTO PADRE PORT 2113N 07632W

NO LARGE VESSELS OBSERVED.  
OBLIQUITY LIMITS INTERPRETATION.

25X1D

[REDACTED]

25X1A

ELECTRONICS/COMMUNICATIONS

[REDACTED] HOLGUIN RADAR SITE 2048N 07618W

ONE TOKEN, ONE BAR LOCK, ONE STONE CAKE/ROCK CAKE, 2  
SPOON REST, AND 2 PROBABLE FLAT FACE RADARS.  
SIX TRACKED PRIME MOVERS, 3 CARGO TRUCKS, 4 VAN  
TRUCKS, 2 UTILITY TRUCKS, 4 OTHER VEHICLES, AND 12  
VAN TRAILERS OBSERVED.

25X1D

[REDACTED]

25X1A

[REDACTED] SANTIAGO DE CUBA RADAR SITE 1959N 07551W

NO APPARENT CHANGE IN FACILITIES.  
FOUR VAN TRUCKS, 4 VAN TRAILERS, ONE PROBABLE BAR LOCK  
RADAR AND ONE ROCK CAKE/STONE CAKE OBSERVED.

25X1D

[REDACTED]

25X1A

MILITARY ACTIVITY

[REDACTED] GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED.  
AREA 1 -- 50 PERCENT USABLE COVERAGE.  
AREA 2 -- 40 PERCENT USABLE COVERAGE.  
AREA 3 -- 90 PERCENT USABLE COVERAGE.  
AREA 4 -- 100 PERCENT USABLE COVERAGE.  
AREA 5 -- 20 PERCENT USABLE COVERAGE.  
AREAS 6 AND 9 -- CLOUD COVERED.  
AREA 7 -- 100 PERCENT USABLE COVERAGE.  
AREA 8 -- 20 PERCENT USABLE COVERAGE.

25X1D

[REDACTED]

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25X1A

[ ] MANZANILLO MILITARY CAMP 2017N 07707W

NO APPARENT CHANGE IN FACILITIES.  
NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

[ ]

25X1A

[ ] HOLGUIN MILITARY CAMP 2053N 07613W

NO APPARENT CHANGE SINCE MISSION [ ]

25X1D

25X1D

[ ]

25X1A

[ ] OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.  
THIRTY-FIVE TANKS/SP GUNS (2 ON DRIVING RANGE), 97  
CARGO TRUCKS, 2 VAN TRUCKS, ONE TANK TRUCK, 5 OTHER  
VEHICLES, ONE CARGO TRAILER, 46 FA PIECES, 22 AAA  
PIECES, 15 AAA/MORTARS AND APPROXIMATELY 90  
PERSONNEL OBSERVED.

25X1D

[ ]

25X1A

[ ] CAMAGUEY MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.  
FORTY-THREE CARGO TRUCKS, 29 FA PIECES AND 15  
PROBABLE MORTARS.

25X1D

[ ]

25X1A

[ ] EL CRISTO MILITARY INSTALLATION 2008N 07547W

BOTH AREAS -- NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- 12 PROBABLE TRACKED VEHICLES, 24  
CARGO TRUCKS, 2 VAN TRUCKS, AND 3 PROBABLE FA PIECES  
OBSERVED.  
AREA 1.6 NM NE -- 3 UNIDENTIFIED VEHICLES.

25X1D

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25X1A

[ ] SANTA FE MILITARY CAMP LUMUMBA 2142N 08249W

NO APPARENT CHANGE IN FACILITIES.  
NINE CARGO TRUCKS AND 2 PROBABLE UTILITY TRUCKS  
OBSERVED.

25X1D

[ ]

25X1A

[ ] HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.  
NINETEEN TANKS/SP GUNS, 12 CARGO TRUCKS AND 14 AAA  
PIECES OBSERVED.

25X1D

[ ]

25X1A

[ ] TRINIDAD AREA POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.  
TWENTY-THREE CARGO TRUCKS AND 13 FA PIECES OBSERVED.

25X1D

[ ]

25X1A

[ ] MINAS MILITARY CAMP 2127N 07734W

NO APPARENT CHANGE IN FACILITIES.  
SEVENTEEN TANKS/SP GUNS, 14 CARGO TRUCKS, 2 VAN  
TRUCKS AND 4 UNIDENTIFIED PIECES OF EQUIPMENT.

25X1D

[ ]

25X1A

[ ] SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

BOTH AREAS -- NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- 35 CARGO TRUCKS, 3 FA PIECES, 3 AAA  
PIECES, 7 MORTARS AND 9 UNIDENTIFIED PIECES OF  
EQUIPMENT.  
CAMP ONE NM NORTH -- 10 CARGO TRUCKS AND 12 FA PIECES.

25X1D

[ ]

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25X1A

[ ] LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.  
TWELVE CARGO TRUCKS AND 11 FA PIECES OBSERVED.

25X1D

[ ]

25X1A

[ ] SANTA FE MILITARY AREA 2144N 08247W

MAIN CAMP -- AT LEAST 10 VEHICLES AND 10 FA PIECES  
OBSERVED. HAZE LIMITS INTERPRETATION.  
CAMP 1.5 NM WNW -- 4 CARGO TRUCKS, 2 UTILITY TRUCKS,  
AND ONE OTHER VEHICLE OBSERVED. THE 6-GUN AAA SITE  
REMAINS OCCUPIED.  
CAMP 4.8 NM NW -- 2 CARGO TRUCKS OBSERVED. THE 3-GUN  
AAA SITE REMAINS OCCUPIED.

25X1D

[ ]

25X1A

[ ] LA VEGA MILITARY CAMP 2053N 07552W

NO APPARENT CHANGE IN FACILITIES.  
EIGHTEEN CARGO TRUCKS AND ONE UTILITY TRUCK OBSERVED.

[ ] 25X1D

[ ] HEREDIA MILITARY CAMP 2134N 07800W

MAIN CAMP -- NO APPARENT CHANGE IN PERMANENT  
FACILITIES. SEVEN LARGE NON-SOVIET TENTS, 22  
TANKS/SP GUNS AND ONE CARGO TRUCK.  
CAMP 0.5 NM NE -- 5 CARGO TRUCKS, ONE UTILITY TRUCK  
AND 4 UNIDENTIFIED PIECES OF EQUIPMENT.

25X1D

[ ]

EL CANEY MILITARY ACTIVITY 2002N 07545W

25X1D

25X1D

25X1D

1.6 NM SE OF EL CANEY AND 3 NM ENE OF SANTIAGO DE CUBA  
AT 20-02-[ ]N 075-45-[ ]W (UTM [ ]).  
TWENTY LARGE NON-SOVIET TENTS, 28 CARGO TRUCKS, 4 FA  
PIECES AND 3 PROBABLE AAA PIECES OBSERVED IN OPEN  
FIELD NEAR TREE-LINE.  
(AMS SERIES E723, SHEET 5076-III, 2D ED.)

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25X1D

[REDACTED]

CUABITAS MILITARY CAMP 2003N 07548W

25X1D

25X1D

25X1D

SW EDGE OF CUABITAS AND 2.4 NM NNE OF SANTIAGO DE CUBA  
AT 20-03-[REDACTED]N 075-48-[REDACTED]W [REDACTED].  
FACILITIES INCLUDE 5 PROBABLE BARRACKS, ONE L-SHAPED  
BUILDING OR SHED, 3 SUPPORT BUILDINGS AND ONE LARGE  
NON-SOVIET TENT.  
VEHICLES -- 10 PROBABLE TRACKED VEHICLES, 15 CARGO  
TRUCKS, 4 UTILITY TRUCKS, ONE PROBABLE TRUCK-MOUNTED  
CRANE, AND 6 AAA PIECES OBSERVED.  
FOLIAGE LIMITS INTERPRETATION.  
(AMS SERIES E723, SHEET 5076 III, 2D ED).

25X1D

[REDACTED]

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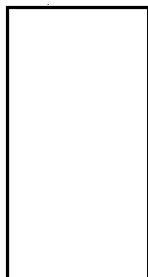
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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE  
SINCE LAST COVERAGE--



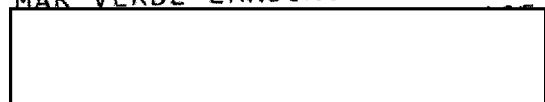
CAMAGUEY RADAR SITE

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25X1D

MACAGUA MILITARY CAMP  
SIBONEY LANDING BEACH  
MAR VERDE LANDING BEACH

25X1D



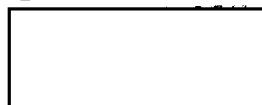
2121N 07751W

2050N 07610W

1957N 07542W

1957N 07557W

25X1



25X1

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT  
NOT INTERPRETED--



SAN JULIAN SAM SITE  
VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA  
SAN JULIAN AIRFIELD  
NUEVA GERONA PORT  
SAN JULIAN RADAR SITE  
DOS CAMINOS MILITARY TRAINING AREA

2205N 08408W

2104N 07700W

2205N 08409W

2153N 08248W

2206N 08409W

2014N 07547W

25X1A

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